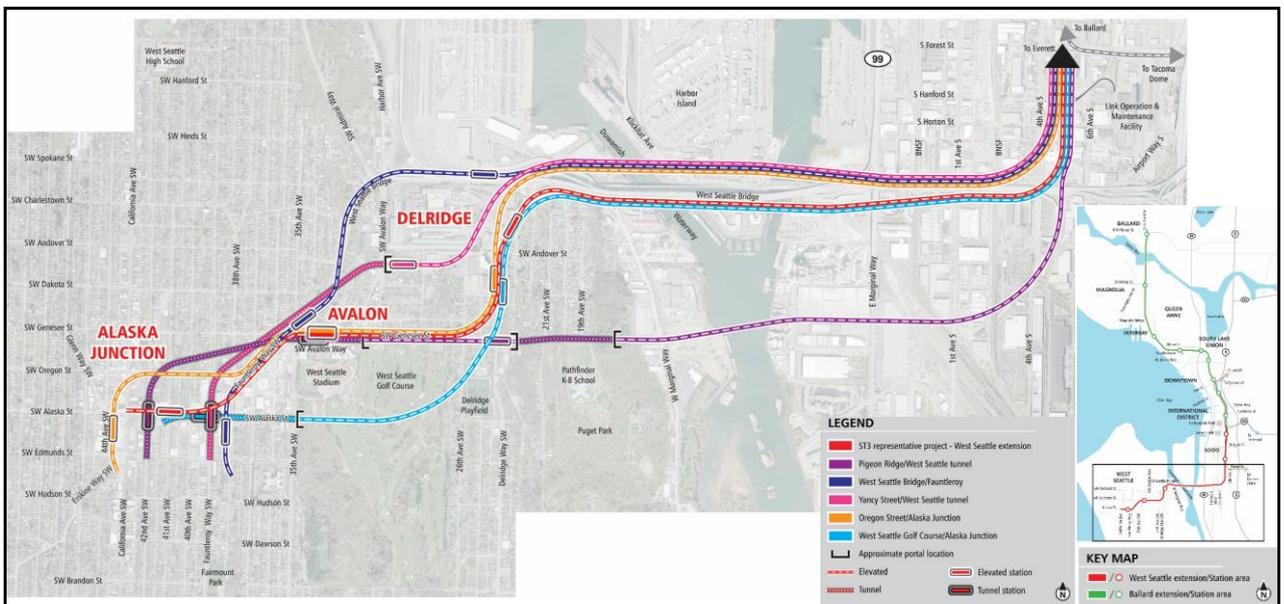


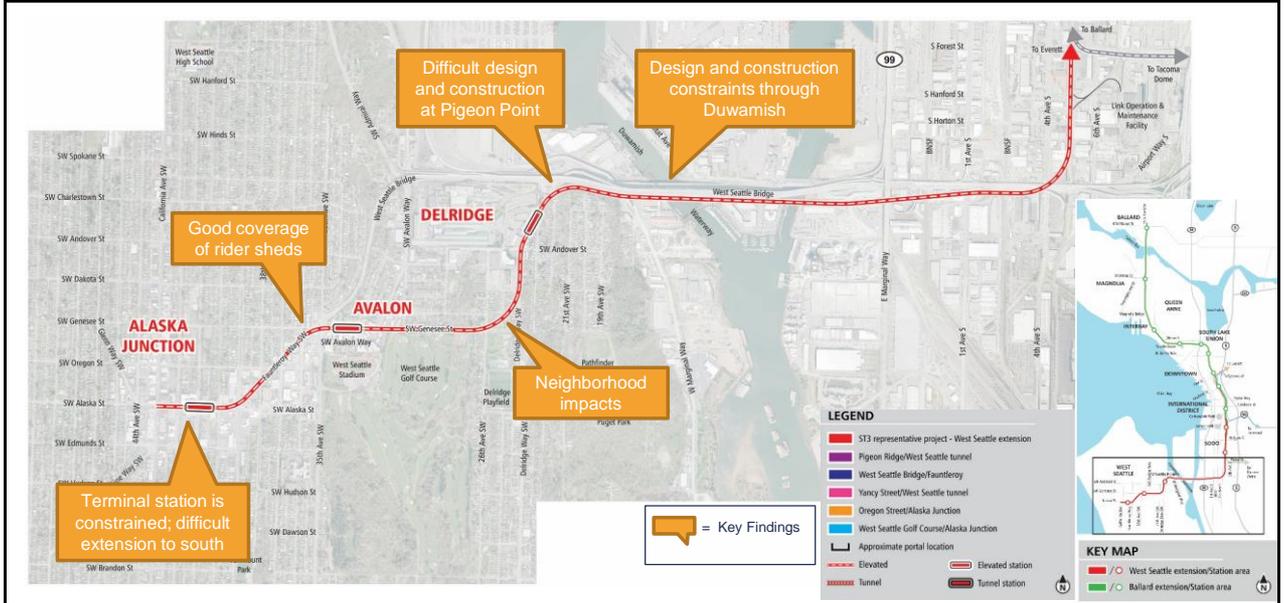
West Seattle/Duwamish

Early scoping feedback



West Seattle/Duwamish

Level 1 alternatives



West Seattle/Duwamish

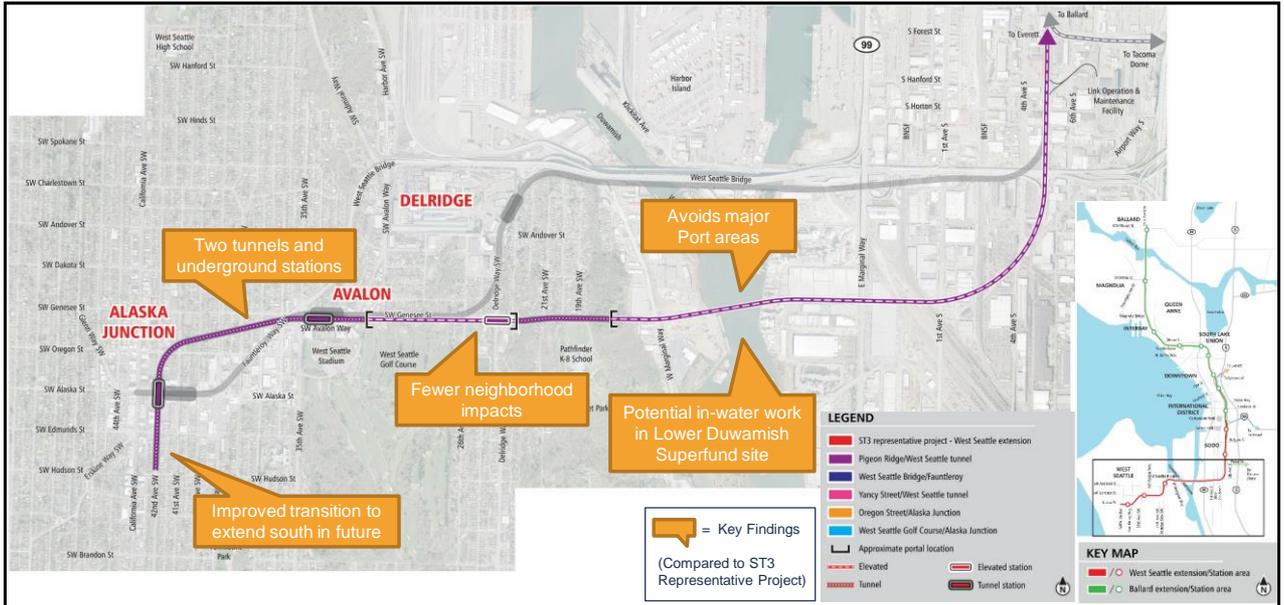
Key Level 1 findings – ST3 Representative Project

West Seattle/Duwamish

ST3 Representative Project

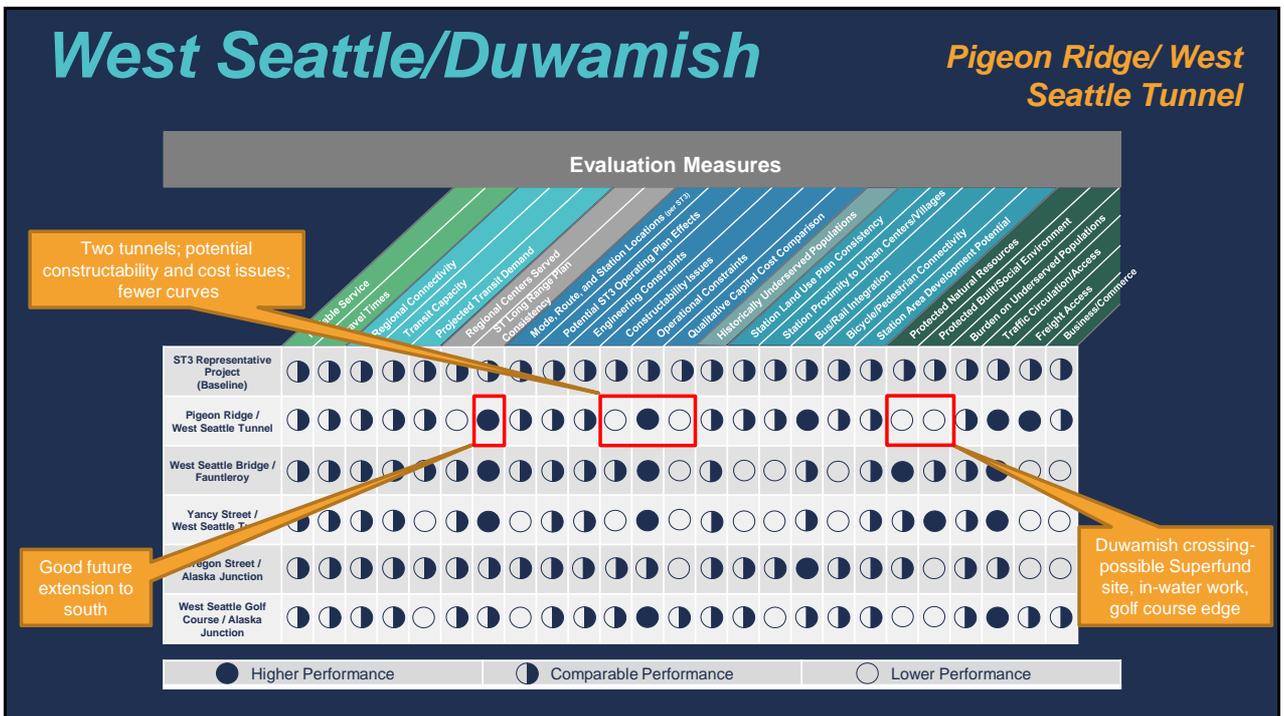
		Evaluation Measures																					
		Reliable Service	Travel Times	Regional Connectivity	Transit Capacity	Projected Transit Demand	Regional Centers Served	ST3 Long Range Plan Consistency	Mode, Route, and Station Locations	Potential ST3 Operating Plan Effects	Engineering Constraints	Construction Issues	Operational Constraints	Historic/Capital Cost Comparison	Station Land Use Plan Consistency	Station Proximity to Urban Centers/Villages	Bicycle/Pedestrian Connectivity	Station Area Development Potential	Protected Natural Resources	Protected Built/Social Environment	Burden on Undersewer/Populations	Traffic Circulation/Access	Burden/Commerce
ST3 Representative Project (Baseline)		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pigeon Ridge / West Seattle Tunnel		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
West Seattle Bridge / Fauntleroy		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Yancy Street / West Seattle Tunnel		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oregon Street / Alaska Junction		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
West Seattle Golf Course / Alaska Junction		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

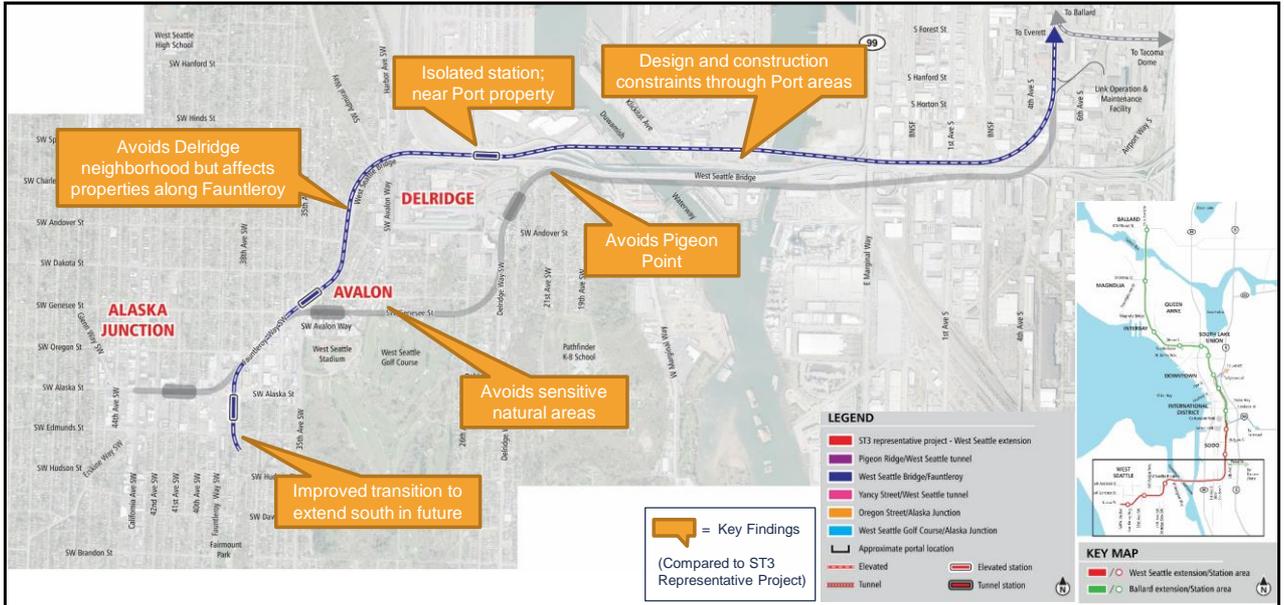
● Higher Performance ● Comparable Performance ○ Lower Performance



West Seattle/Duwamish

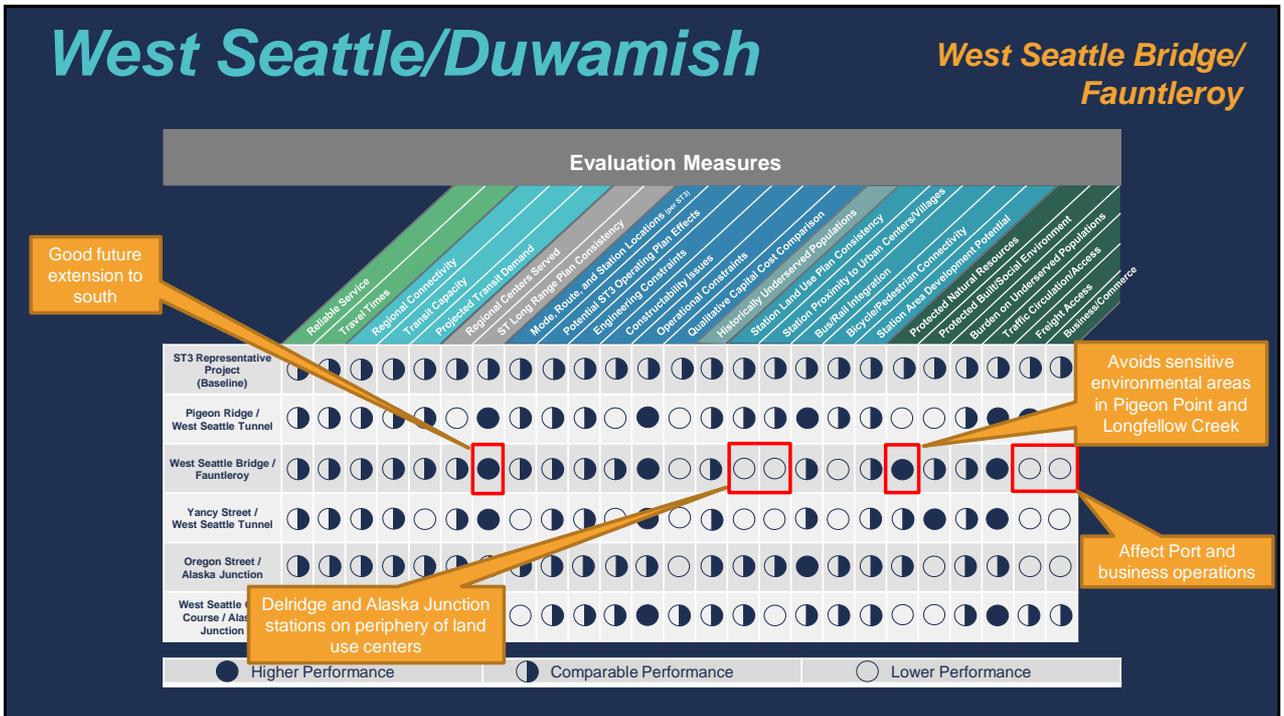
Key Level 1 findings – Pigeon Ridge/West Seattle Tunnel

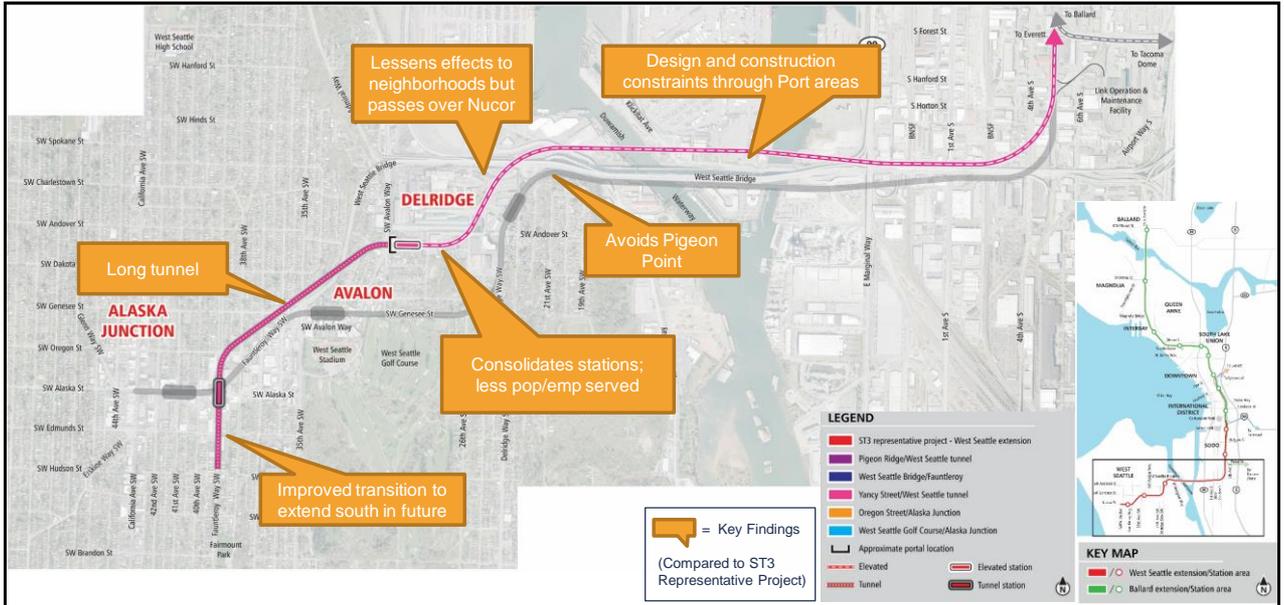




West Seattle/Duwamish

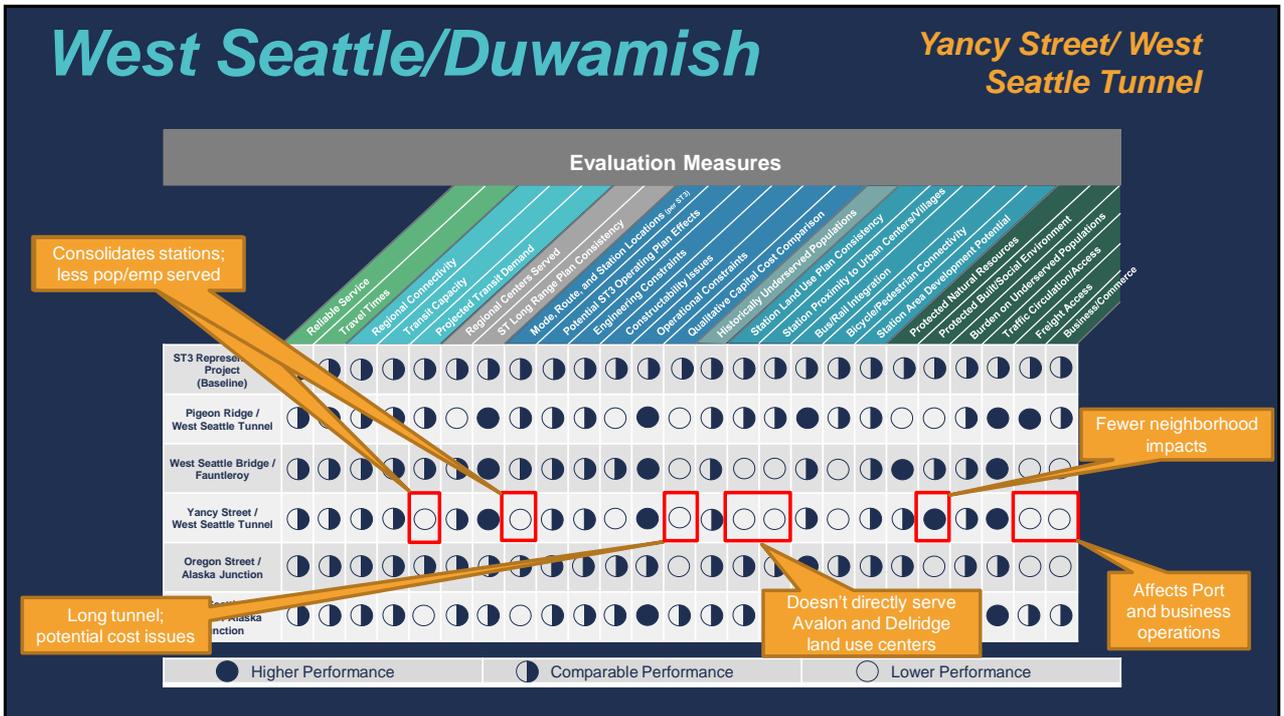
Key Level 1 findings – *West Seattle Bridge/Fauntleroy*

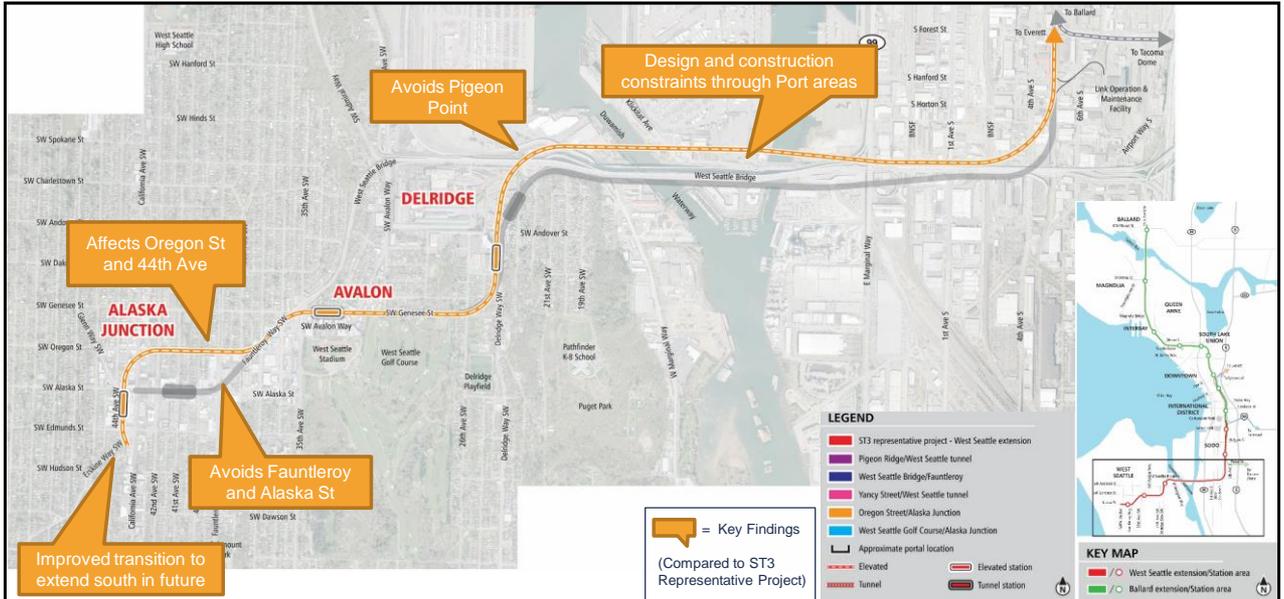




West Seattle/Duwamish

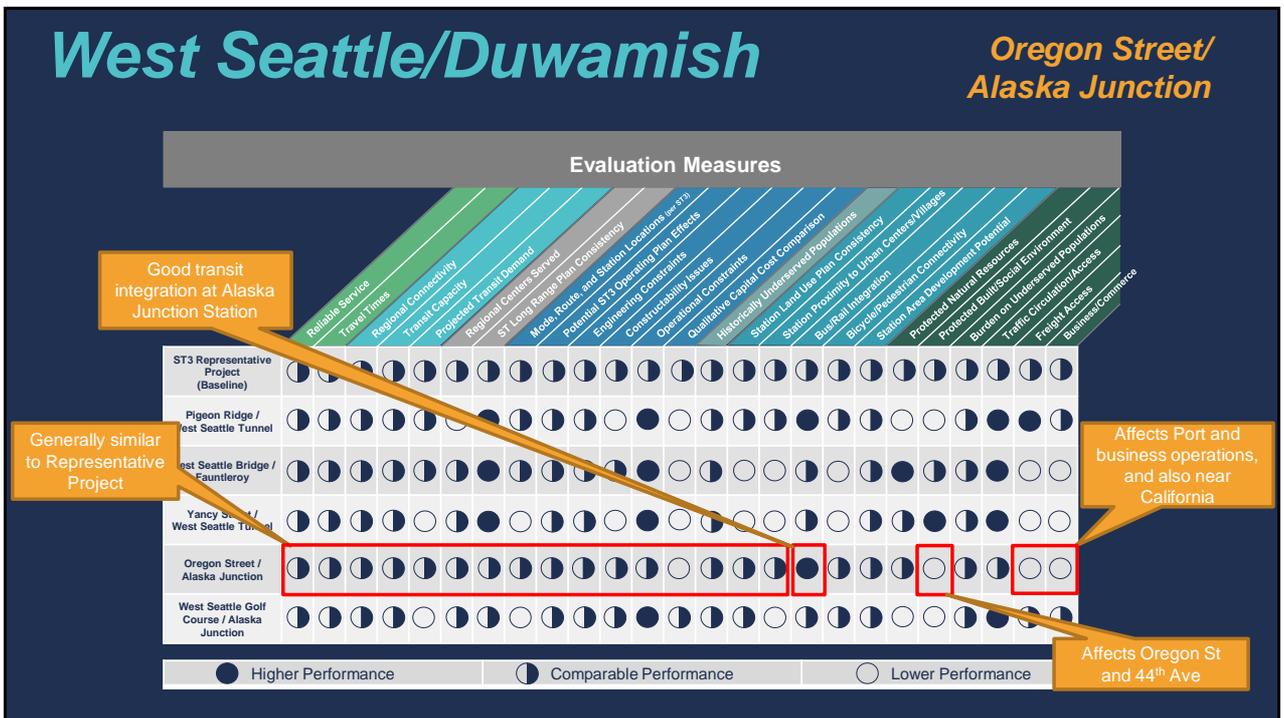
Key Level 1 findings – Yancy Street/West Seattle Tunnel

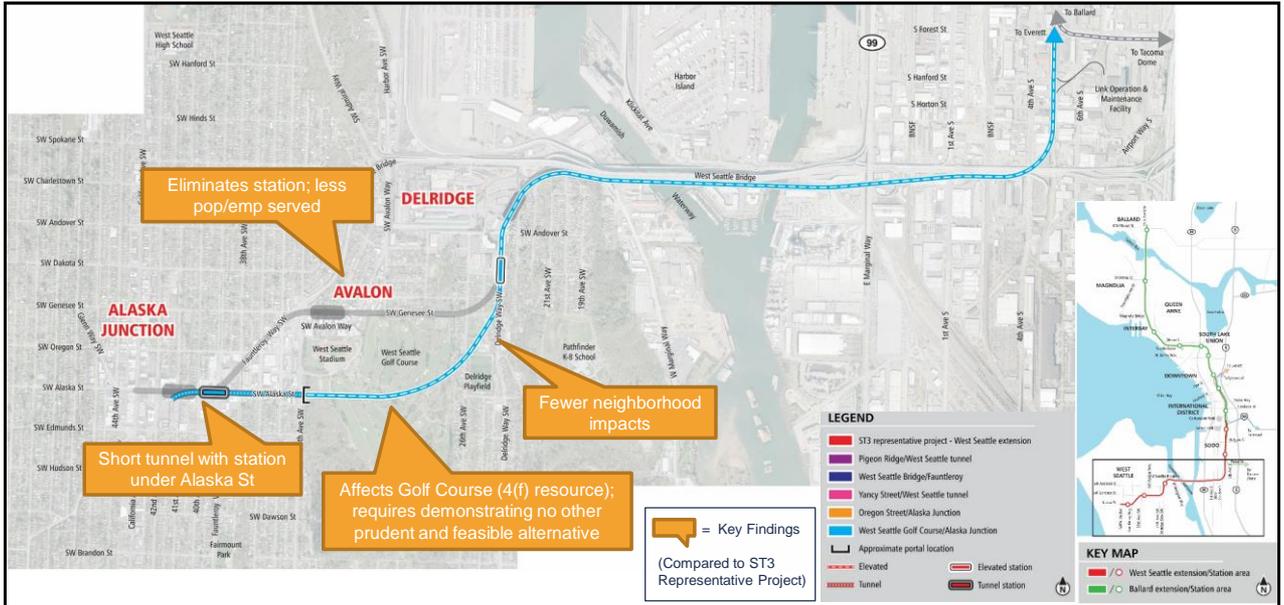




West Seattle/Duwamish

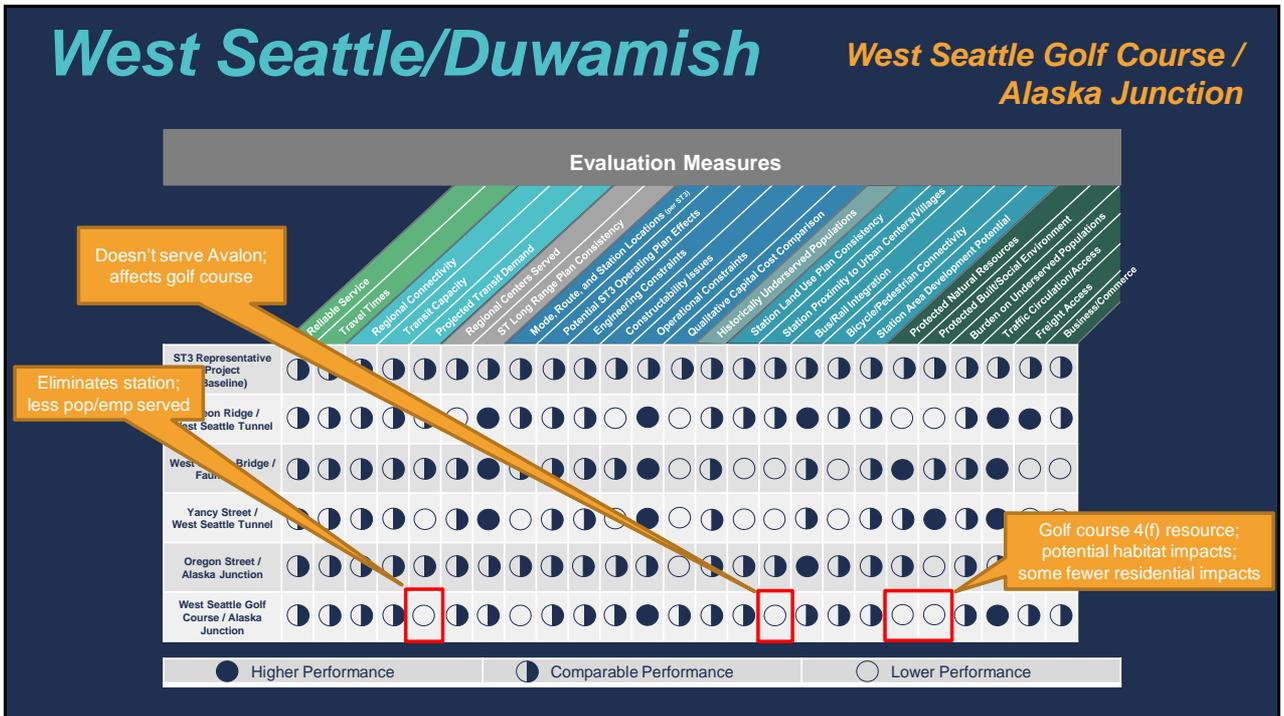
Key Level 1 findings – Oregon Street/Alaska Junction





West Seattle/Duwamish

Key Level 1 findings – *West Seattle Golf Course/Alaska Junction*



Section 4(f)

- Stipulates that United States Department of Transportation (USDOT) agencies, such as the **Federal Transit Administration (FTA)**, **cannot approve the use of land from publicly owned parks**, recreational areas, wildlife and waterfowl refuges, or public and private historical sites unless:

- There is **no feasible and prudent avoidance alternative** to the use of land; and includes all possible planning **to minimize harm to the property** resulting from such use;

OR

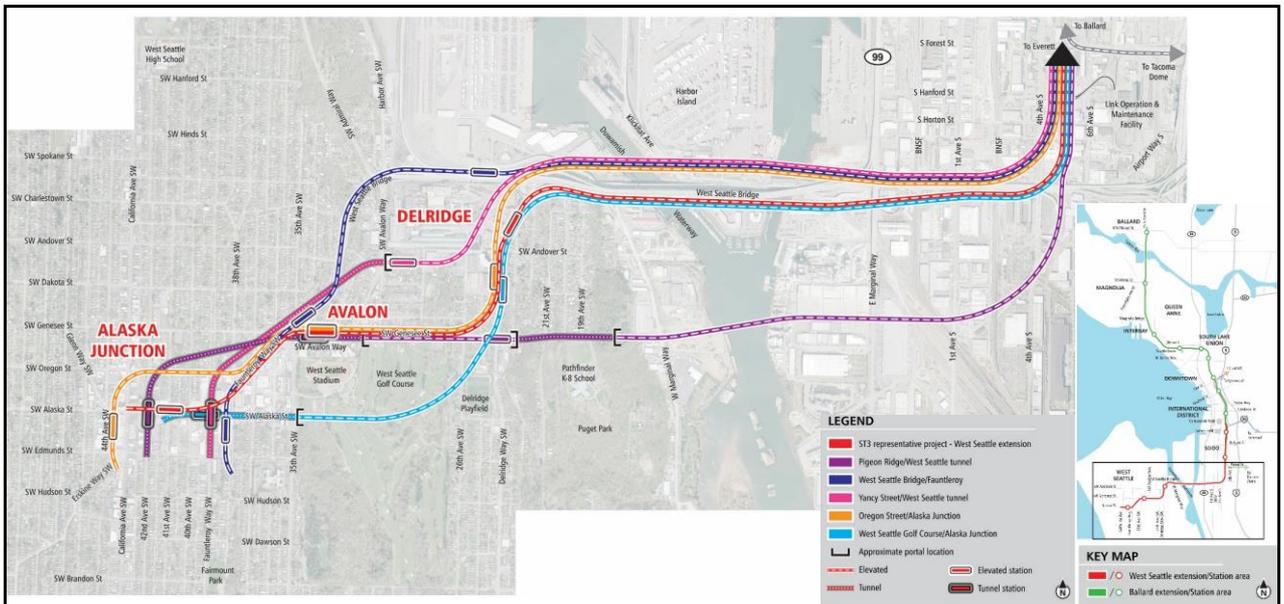
- The Administration determines that the use of the property will have a **de minimis impact**

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West Seattle/Duwamish summary

Alternatives with more potential	ST3 Representative Project	<ul style="list-style-type: none"> • Baseline for comparison
	Oregon Street/Alaska Junction	<ul style="list-style-type: none"> • Avoids Fauntleroy and Alaska; better orientation south • Affects Oregon St and 44th Ave
	West Seattle Bridge/Fauntleroy	<ul style="list-style-type: none"> • Lessens effects to Junction and Delridge; better orientation south • Creates isolated Delridge Station
Alternatives with greater challenges	Pigeon Ridge/West Seattle Tunnel	<ul style="list-style-type: none"> • Lessens effects to Port, Junction, Delridge; better orientation south • Requires two tunnels; may require 3rd Party funding
	Yancy Street/West Seattle Tunnel	<ul style="list-style-type: none"> • Lessens effects to Junction and Delridge; better orientation south • Consolidates stations; potentially not consistent with ST3 Plan • Requires tunnel; may require 3rd Party funding
Not practical suggestions	West Seattle Golf Course/Alaska Junction (Tunnel)	<ul style="list-style-type: none"> • Crosses golf course, Section 4(f) • Lessens effects to Junction, Delridge • Eliminates station; potentially not consistent with ST3 Plan
	Tunnel under Duwamish	<ul style="list-style-type: none"> • Impractical tunnel depth and length
	West Seattle Bridge	<ul style="list-style-type: none"> • Existing structure not built to accommodate LRT • Constructability issues
	Gondola, rail/bus bridge	<ul style="list-style-type: none"> • Mode not consistent with ST3 Plan
Extensions to Alki, Admiral, etc.	<ul style="list-style-type: none"> • Not included in ST3 Plan or long range plan 	



West Seattle/Duwamish

Level 1 alternatives